

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

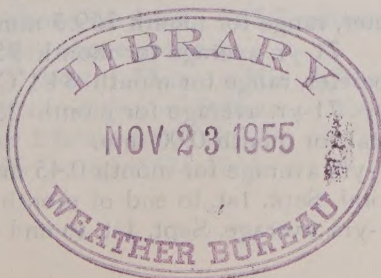
LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST 1954

GIORGIO CONTINO, ACTING DIRECTOR

**Printed at the American Press
Beirut, Lebanon**



AUGUST 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Degrass Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.3	54.5	54.7	54.5	33.6	25.6	29.7	33.2	28.3	30.4
2	54.9	54.5	54.4	54.6	33.3	25.3	30.1	33.1	28.0	30.4
3	53.5	52.8	51.5	52.6	33.3	26.6	28.9	33.1	28.6	30.2
4	50.3	50.2	50.3	50.3	30.5	25.8	28.6	30.0	27.8	28.8
5	48.8	51.9	51.8	50.8	33.8	26.6	27.8	33.3	28.9	30.0
6	53.5	51.8	54.1	53.1	33.6	24.5	28.9	33.2	28.9	30.3
7	54.9	54.9	55.3	55.0	33.1	24.2	27.2	32.8	26.9	29.0
8	55.1	54.3	54.0	54.5	33.5	24.5	27.6	33.1	27.3	29.3
9	54.3	54.0	54.3	54.2	32.7	25.1	27.2	32.2	27.7	29.0
10	54.4	54.1	53.8	54.1	32.6	24.9	27.9	32.2	27.7	29.3
11	52.9	52.8	52.8	52.8	33.0	25.2	26.9	31.7	27.8	28.8
12	53.0	53.2	53.0	53.1	33.3	25.4	27.0	32.8	28.3	29.4
13	54.3	54.8	54.4	54.5	33.8	25.6	27.7	33.7	28.3	29.9
14	54.0	54.0	53.5	53.8	33.9	25.9	28.5	31.7	28.9	29.7
15	53.8	53.8	54.0	53.9	33.4	25.6	27.8	33.1	28.9	29.9
16	53.9	54.0	54.0	54.0	34.1	25.7	27.4	33.3	29.0	29.9
17	54.6	54.7	55.0	54.8	33.7	24.5	28.9	33.7	28.3	30.3
18	55.0	55.3	55.9	55.4	33.6	25.0	29.1	32.8	27.6	29.8
19	55.9	55.8	55.9	55.9	33.0	25.9	29.4	32.8	26.9	29.7
20	56.0	55.4	55.4	55.3	31.5	25.6	28.9	31.1	27.5	29.2
21	55.8	54.9	54.7	55.1	32.5	26.6	29.6	31.7	28.2	29.8
22	54.2	53.6	53.5	53.8	33.7	26.2	31.1	32.9	28.3	30.8
23	53.3	53.5	53.5	53.4	33.1	25.6	30.4	32.8	28.3	30.5
24	54.4	54.3	55.1	54.6	32.8	24.1	29.4	32.6	27.6	29.9
25	56.3	56.3	57.5	56.7	32.8	25.2	29.4	32.4	27.2	29.7
26	57.7	56.9	56.9	57.2	32.0	25.6	30.6	31.8	27.5	30.0
27	57.3	56.4	56.1	56.6	32.3	25.5	29.6	31.7	28.2	29.8
28	55.1	54.0	53.6	54.2	33.7	26.0	29.7	32.7	28.3	30.2
29	54.3	54.0	54.4	54.2	32.3	24.9	28.3	31.9	27.7	29.3
30	55.6	55.2	56.7	55.8	32.2	24.6	29.4	30.7	27.7	29.3
31	58.4	58.4	59.3	58.7	32.4	25.5	29.2	31.4	26.1	28.9
	54.51	54.33	54.50	54.44	33.00	25.40	28.78	32.44	27.96	29.73

Barometer, range for month 759.3 mm. — 748.8 mm.

„ 71-yr. average for month 756.00 mmr.

Thermometer, range for month 34.1°C — 24.1°C

„ 71-yr. average for month 28.57°C

Rain total for month 0.00 mm.

„ 71-yrs average for month 0.45 mm.

„ Total, Sept. 1st. to end of month 967.23mm.

„ 71-yrs. average. Sept. 1st. to end of month 892. 30 mm.

AUGUST 1954

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	30.4	29.6	29.0	29.7	75	58	74	69	12.3	24.0	
2	29.2	29.6	28.0	28.9	69	58	76	68	12.2	93.0	
3	28.6	26.7	28.6	28.0	72	55	72	66	9.9	77.0	
4	28.3	28.4	28.7	28.5	74	67	77	73	0.7	27.0	
5	28.0	28.1	28.6	28.2	75	55	72	67	10.9	48.0	
6	30.1	27.4	27.8	28.4	75	58	69	67	11.3	132.0	
7	25.6	24.4	21.3	23.8	71	50	61	61	12.2	159.0	
8	22.4	20.2	22.8	21.8	59	41	63	54	12.2	142.0	
9	21.5	23.0	23.0	22.5	60	48	62	57	12.2	138.0	
10	25.8	26.7	28.0	26.8	68	55	76	66	11.8	142.0	
11	27.7	27.1	28.0	27.6	76	58	75	70	12.2	174.0	
12	28.4	29.0	29.0	28.8	79	60	75	71	12.1	87.0	
13	28.7	29.6	29.8	29.4	76	58	77	70	12.1	21.0	
14	29.8	29.4	30.1	29.8	78	63	75	73	10.4	5.0	
15	29.5	27.4	30.9	29.3	78	57	76	70	11.9	31.0	
16	30.2	29.0	30.1	29.8	81	60	75	72	12.3	230.0	
17	27.8	27.4	27.5	27.6	70	56	72	66	11.7	335.0	
18	26.4	28.1	28.0	27.5	67	55	76	66	12.3	164.0	
19	27.4	25.9	26.0	26.4	67	54	75	65	12.0	61.0	
20	24.9	26.1	27.7	26.2	63	57	76	65	11.4	254.0	
21	25.9	31.0	32.9	29.9	65	67	85	72	12.0	312.0	
22	23.9	32.9	32.1	29.6	52	64	82	66	11.8	156.0	
23	29.5	29.7	25.4	28.2	67	61	66	65	8.9	357.0	
24	23.8	25.2	25.8	24.9	58	53	70	60	11.8	230.0	
25	25.9	25.2	26.3	25.8	63	53	74	63	11.5	116.0	
26	27.2	28.6	29.2	28.3	62	62	82	69	11.7	76.0	
27	29.6	28.6	30.5	29.6	73	61	80	71	10.3	27.0	
28	29.6	30.5	30.5	30.2	72	63	79	71	11.1	190.0	
29	26.1	25.6	25.1	25.6	67	55	68	63	9.8	105.0	
30	24.5	24.3	25.1	24.6	59	57	67	61	5.8	77.0	
31	22.8	23.2	23.7	23.2	58	52	70	60	10.8	45.0	
	27.08	27.35	27.73	27.38	68.7	57.1	73.4	66.4	10.95	130.16	

Height of Barometer above sea level : 33.7 meters.

" " Thermometers above ground :

Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.

Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.

Time of reading minus 2 hours equal G.C.T

71 year averages are for period, 1875-1945

AUGUST 1954

METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	3st	0	0	1.0	1n	1nw	1nw	calm	
2	5cu-st	0	2st	2.3	1sw	2sw	1sw	light	
3	7cu-st	4st	9st	6.7	2sw	2sw	1sw	"	
4	9cu	10cu	4st	7.7	1sw	1sw	1sw	"	
5	1cu	2cu-st	2st	1.7	1ne	2w	1w	"	H., a.m.
6	1cu-st	2st	9cu-st	4.0	2sw	3sw	1sw	light	H., a.m.
7	4cu-st	2st	1st	2.3	2sw	3sw	1sw	"	
8	2cu	4st	1st	2.3	2sw	3sw	1sw	"	
9	3cu	2st	0	1.7	3sw	4sw	2sw	"	
10	4cu-st	2cu-st	2st	2.7	3sw	4sw	1sw	"	
11	2cu-st	4st	2st	2.7	2sw	3sw	1sw	light	H., a.m.
12	3st	3st	1st	2.3	3sw	3sw	2sw	"	H., a.m.
13	2cu	1st	0	1.0	1sw	2nw	1sw	"	H., a.m.
14	4cu-st	3st	0	2.3	1sw	2nw	1sw	"	H., a.m.
15	0	4st	0	1.3	1w	2w	1sw	"	H., a.m.
16	1st	3st	0	1.3	1ne	3sw	1sw	light	H., a.m.
17	3cu-st	3cu-st	4st	3.3	4sw	4sw	2sw	"	
18	0	0	0	0.0	2sw	2sw	1sw	"	
19	2st	0	9st	3.7	1sw	1w	1w	"	
20	2st	0	0	0.7	2nw	2n	2ne	"	
21	0	0	0	0.0	1ne	2ne	2ne	light	
22	0	3cu-ci	7st	3.3	1ne	2ne	1ne	slight	
23	9cu-st	4cu-st	9st	7.3	2sw	2sw	2sw	light	
24	1cu	2cu-st	0	1.0	2sw	2sw	1sw	"	
25	0	0	10st	3.3	2sw	2sw	1sw	"	
26	0	0	0	0.0	1ne	2ne	1ne	light	H. a.m.
27	2st	0	10st	4.0	1nw	1nw	1nw	"	H. a.m. p.m.
28	7cu-st	0	10st	5.7	1sw	1sw	1sw	"	H. a.m. p.m.
29	5cu-st	0	10st	5.0	1sw	2w	1sw	"	f. a.m.
30	7cu-st	10st	10st	9.0	2sw	2sw	1sw	"	H., a.m.
31	3cu-st	0	0	1.0	1sw	1nw	1sw	"	
mean				2.92					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew.
W = strong wind; Tr = trace of rain

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	5	0	0	0	22	1	2	0	31
14:30	1	3	0	0	0	18	4	5	0	31
20:30	0	4	0	0	0	23	2	2	0	31
Total	2	12	0	0	0	63	7	9	0	93

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0

71 yr. av. number of days with rain during month 0.18